

CLAIMS

1. A method for map interaction, the method comprising comprises:
 - receiving a user input comprising a map search request;
 - retrieving a map search operation based on the user input;
 - retrieving a first location marked on a map interface;
 - retrieving a distance determining point selected based on the first location;
 - extracting the first location and a selected distance from the map search operation using a distance between the first location and the distance determining point as the selected distance;
 - determining a demarcated range based on the first location and the selected distance;
 - determining a target object based on the map search operation; and
 - displaying one or more target objects in the demarcated range as a search result set.
2. The method according to claim 1, further comprising:
 - sending the map search operation to a server, wherein the map search operation carries a demarcated range and the one or more target objects;
 - receiving from the server a search result; and
 - displaying the search result returned by the server in response to the map search operation, wherein the search result comprises the one or more target objects in the demarcated range.
3. The method according to claim 1, wherein retrieving the distance determining point selected based on the first location comprises:
 - identifying a drag operation whose start point is the first location on the map interface, and using an end point of the drag operation as the distance determining point.
4. The method according to claim 1, wherein the retrieving the distance determining point selected based on the first location comprises:
 - using a point selected by a user after the first location on the map interface as the distance determining point.

5. The method according to claim 1, wherein determining the demarcated range based on the first location and the selected distance comprises:

using a circle area as the demarcated range, wherein the circle area is generated by using the first location as a center and by using the distance between the first location and the distance determining point as a radius.

6. The method according to claim 1, wherein determining the demarcated range based on the first location and the selected distance comprises:

using a square area as the demarcated range, wherein the square area is generated by using the first location as a center and by using the distance determining point as a vertex of the square area.

7. The method according to claim 1, wherein determining the demarcated range based on the first location and the selected distance comprises:

using a circular sector area with a predetermined angle as the demarcated range, wherein the circular sector area is generated by using the first location as a start point of the circular sector area, by using the distance between the first location and the distance determining point as a radius of the circular sector area, and by using a direction of the drag operation as a central direction of the circular sector area.

8. The method according to claim 1, wherein extracting the first location and the selected distance from the map search operation comprises:

retrieving, from the map search operation, the first location and the selected distance that are entered by a user in a text form.

9. The method according to any one of claims 1 to 8, wherein displaying the one or more target objects in the demarcated range as a search result set comprises:

displaying the one or more target objects in the demarcated range as the search result set, and marking the demarcated range on the map interface.

10. An apparatus for map interaction, the apparatus comprising a plurality of modules configured to perform the method of any one of claims 1 to 9.